BRUHATH BANGALORE MAHANAGARA PALIKE,
Office of the Executive Engineer Dasarahalli Division,
Schedule-B

NAME OF WORK: Improvements and Asphalting to road at Ramaiah and Soundarya layout surrounding in Bagalagunte ward no 14

| Sl. No | Description of work | Unit | Qty | Rate quoted by the Contractor Rajanna C | |
|---|---|---|---|---|---|
| | | | | In Figures (Rs.) | Amount |
| 1 | 2 | 3 | 4 | 5 | 7 |
| 1 | Scarifying existing stone metal layer upto 75mm thick along with their bituminous surface, picking up scarified materials and stacking of old serviceable materials with lead of 100mtr. sequential spreading of the salvaged aggregates with fresh aggregates on prepared base and consolidating as per water bound macadam specifications including cost of all labour, HOM of machineries complete as per specifications | Sqm | 2724.9 | 189.61 | 516668.289 |
| 2 | Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of | Cum. | 544.98 | 193.0 | 105181.14 |
| 3 | Construction of granular sub-base Grading-V as sub base and drainage layers by providing coarse graded crushed stone aggregates of granite / trap / basalt material, mixing in mechanical mix plant at OMC carriage of mixed materials to work site, spreading in uniform layers with motor grader on prepared surface, and compacting with vibratory power roller to achieve the 98% proctor density, complete as per specifications. as per | Cum. | 408.74 | 1663.83 | 680073.8742 |

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| 4 | Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 | Cum. | 544.98 | 1639.0 | 893222.22 |
| 5 | Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH/Chapter 5 | Sqm | 2724.9 | 10.41 | 28366.209 |
| 6 | Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. MORTH Specification No. 502 | Sqm | 2724.9 | 23.43 | 63844.407 |
| 7 | Providing and laying bituminous macadam on prepared surface with crushed Coarse aggregates as per design mix formula for base / binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant, transporting the mixd material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, butexcluding cost of primer / tack coat including lead, lift and cost of all materials, labour, HOM of machineries complete as per specifications.do - using 40/60 TPH | Cum. | 136.24 | 4392.78 | 598472.3472 |

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| 8 | Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications MORTH/Chapter 5 | Sqm | 2724.9 | 10.41 | 28366.209 |
| 9 | Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading , premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade , level and allignment , rolling with smooth wheeled , vibratory and tandem rollers to achieve the desired compactiopn in all respects complete as per specifications. clause 507 of MORTH V revision as per IRC SP-53-2015. using 40-60 TPH capacity HMP with mechanical paver grading II | Cum. | 109 | 6350.44 | 692197.96 |
| 10 | Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes complete as | Sqm | 68 | 372.43 | 25325.24 |

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